



Docket No.: 066661-0041

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hood, Leroy, et al.

Application No.: 10/062,299

Filed: January 31, 2002

Group Art Unit: 1631

Customer No.: 41552

Confirmation No.: 2563

Examiner: Smith, Carolyn L.

Title: GENE DISCOVERY FOR THE SYSTEM ASSIGNMENT OF GENE FUNCTION

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*Morgan Adelizzi*

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**SUBMISSION UNDER 37 C.F.R. §1.114**

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed August 28, 2006, and further responsive to the Notice of Appeal filed on February 28, 2007, entry of the following Amendments and consideration of the Remarks below is respectfully requested.

**Amendments to the Claims** begin on page 2 of this paper

**Remarks** begin on page 10 of this paper.